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AN ISO 9001: 2015, MSME. CERTIFIED COMPANY

TEST REPORT ON FINE AGGREGATE

Name of work:	**Improvements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)**
Location:	**at Kondappa layout**
Client:	**Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore**
Name of the Agency:	**M/s Karthik Enterprises**
Reference:	**BBMP/EE/YNK.D/EPMT-12/W.O/10/2020-21**
Condition of Samples:	**Satisfactory**
Test According to:	**Relevant IS code**
Date of Testing:	**10/09/2020**
Submission Date:	**15/09/2020**

Test Calculation for Culvert and Drain at Kondappa layout

SAMPLE ID: Sand Total Wt of Aggregate in Gms: 1350

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
	0	0	0	100	100
4.75	30	30	2.22	97.78	90-100
2.36	62	92	6.81	93.82	75-100
1.18	90	182	13.48	86.52	55-90
600 Micron	480	662	49.03	50.97	35-59
300 Micron	358	1020	75.55	24.45	8-30
150 Micron	325	1345	99.62	0.38	0-10

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TEST REPORT ON COARSE AGGREGATE

Name of work:	Improvements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)
Location:	at Kondappa layout
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	M/s Karthik Enterprises
Reference:	BBMP/EE/YNK.D/EPMT-12/W.O/10/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	10/09/2020
Submission Date:	15/09/2020

Test Calculation for Culvert and Drain at Kondappa layout

IS Sieve Size in mm	Weight of Retained (gms)	Cumulative Weight of Retained (gms)	Cumulative % of Retained (gms)	Cumulative % of passing	Percentage Passing for grading zone II as per IS 383-1970
A.E.E	0	0	0	100	100
20	195	195	8.125	91.87	95-100
10	1150	1345	56.04	43.96	25-55
4.75	955	2300	95.87	4.125	0-10

AE-02

Total Wt of Aggregate in Gms: 2300

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TEST REPORT ON STEEL

Name of work:	Improvements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)
Location:	Kondappa layout
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	M/s Karthik Enterprises
Reference:	BBMP/EE/YNK.D/EPMT-12/W.O/10/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	7/09/2020
Submission Date:	12/09/2020

Steel Test Calculation for roads at Kondappa layout

SL NO	Details	For 8mm		For 10mm		For 12mm	
		Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008	Test Results	Min req as per IS 1786-2008
1	Observed Dia of bar	8.0 mm	8.0 mm	10.0 mm	10.0 mm	12.0 mm	12.0 mm
2	Observed wt/m length(kg/m)	0.378	0.363	0.589	0.567	0.850	0.834
3	Proof Stress/Yield	538	500	545	500	535	500

AE-02

A.E.E

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TEST REPORT ON STEEL

Name of work:	Improvements to roads and drains and other developmental works in singanayakanahalli grama panchayathi limits under SWM head in Chief Minister Navanagarothana grants of Yelahanka Division (Package - 10)
Location:	Kondappa layout
Client:	Assistant Executive Engineer Division, Yelahanka BBMP, Bangalore
Name of the Agency:	M/s Karthik Enterprises
Reference:	BBMP/EE/YNK.D/EPMT-12/W.O/10/2020-21
Condition of Samples:	Satisfactory
Test According to:	Relevant IS code
Date of Testing:	7/09/2020
Submission Date:	12/09/2020

Steel Test Calculation for roads at Kondappa layout

SL NO	Details	For 8mm		For 10mm		For 12mm	
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